<u>Amendments to the Claims:</u>

This listing of claims will replace all prior versions, and listings of claims in the

application. Please amend the claims as shown below without prejudice.

<u>Listing of Claims:</u>

1. (Currently amended) A computerized method for monitoring communications in a
packet switched network, the method comprising:

initiating a communication between a network endpoint associated with a call mediator
and at least a second network endpoint;

recording, at the call mediator, information associated with the communication, wherein
recording information associated with the communication comprises recording an alphanumeric
termination cause code <u>indicating a reason the communication was disconnected</u>;

upon termination of the communication, communicating, from the call mediator to an
enterprise gatekeeper, the information associated with the communication; and

translating the alphanumeric termination cause code into a numeric termination cause
code, wherein translating the alphanumeric termination cause code is performed by the enterprise
gatekeeper.

2. (Original) The method of claim 1 wherein the communication comprises a VoIP
communication.

3. (Original) The method of claim 1 wherein recording information associated with the
communication comprises recording a network identifier associated with a network endpoint.

4. (Original) The method of claim 1 wherein recording information associated with the
communication comprises recording the start time of the communication.

5. (Original) The method of claim 1, wherein recording information associated with the
communication comprises recording the stop time of the communication.

6. (Original) The method of claim 1, wherein recording information associated with the communication comprises recording the duration of the communication.

7. (Original) The method of claim 1, wherein recording information associated with the communication comprises recording an amount of data transferred between the network endpoints.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Previously presented) The method of claim 1, wherein translating the alphanumeric termination cause code comprises translating to a PSTN numeric termination cause code.

13. (Original) The method of claim 1, wherein communicating, from the call mediator to the enterprise gatekeeper, the information associated with the communication comprises communicating the information in a disconnect request.

14. (Original) The method of claim 13, wherein communicating the information in a disconnect request comprises communicating a disconnect request containing a billing token containing information associated with the communication.

15. (Original) The method of claim 1, comprising creating an authentication record containing information associated with the communication by parsing the information associated with the communication.

16. (Previously presented) The method of claim 51, wherein creating an authentication record comprises creating a RADIUS record.

17. (Previously presented) The method of claim 51, wherein creating an authentication record is performed by the enterprise gatekeeper.

18. (Currently amended) The method of claim 15, comprising communicating the authentication record from the enterprise gatekeeper to [[an]] a remote authentication server.

19. (Original) The method of claim 18, comprising creating a billing call record by parsing the authentication record.

20. (Previously presented) The method of claim 51, wherein creating a billing call record is performed by the remote authentication server.

21. (Previously presented) The method of claim 51, comprising communicating, from the remote authentication server to a billing server, the billing call record.

22. (Original) The method of claim 1, comprising a call mediator located at a customer site serviced by an enterprise gatekeeper located at a different location.

23. (Original) The method of claim 22, comprising a call mediator controlled by a customer and an enterprise gatekeeper controlled by a service provider.

24. (Original) The method of claim 23, wherein recording information associated with the communication comprises recording information that is accessible to the customer controlling the call mediator.

25. (Original) The method of claim 24, comprising storing, at the enterprise gatekeeper, information associated with the communication.

26. (Original) The method of claim 25, wherein the information associated with the communication stored at the enterprise gatekeeper is not accessible to the customer.

27. (Currently amended) A system for monitoring communications in a packet switched network, the system comprising:

a first network endpoint associated with a call mediator;

at least a second network endpoint; and

an enterprise gatekeeper;

wherein the first network endpoint initiates a communication with the second network endpoint;

wherein the call mediator records information associated with the communication, wherein the information associated with the communication comprises an alphanumeric termination cause code indicating a reason the communication was disconnected;

wherein upon termination of the communication, the call mediator communicates to the enterprise gatekeeper, the information associated with the communication; and

wherein the enterprise gatekeeper is programmed to translate the alphanumeric termination cause code to a PSTN numeric termination cause code.

28. (Original) The system of claim 27, wherein the communication comprises a VoIP communication.

29. (Original) The system of claim 27, wherein the information associated with the communication comprises a network identifier associated with a network endpoint.

30. (Original) The system of claim 27, wherein the information associated with the communication comprises the start time of the communication.

31. (Original) The system of claim 27, wherein the information associated with the communication comprises the stop time of the communication.

32. (Original) The system of claim 27, wherein the information associated with the communication comprises the duration of the communication.

33. (Original) The system of claim 27, wherein the information associated with the communication comprises an amount of data transferred between the network endpoints.

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. (Original) The system of claim 27, wherein the information associated with the communication is communicated in a disconnect request.

39. (Original) The system of claim 38, wherein the disconnect request contains a billing token containing information associated with the communication.

40. (Original) The system of claim 27, wherein the enterprise gatekeeper is programmed to create an authentication record containing information associated with the communication by parsing the information associated with the communication.

41. (Previously presented) The system of claim 52, wherein the authentication record comprises creating a RADIUS record

42. (Previously presented) The system of claim 40, wherein the enterprise gatekeeper is programmed to communicate the authentication record to a remote authentication server.

43. (Original) The system of claim 42, wherein the remote authentication server is programmed to create a billing call record by parsing the authentication record.

44. (Previously presented) The system of claim 52, wherein the remote authentication server is programmed to communicate the billing call record to a billing server.

45. (Original) The system of claim 27, wherein the call mediator is located at a customer site serviced by an enterprise gatekeeper located at a different location.

46. (Original) The system of claim 45, wherein the call mediator is controlled by a customer and the enterprise gatekeeper is controlled by a service provided.

47. (Original) The system of claim 46, wherein the information associated with the communication recorded at the call mediator is accessible to the customer controlling the call mediator.

48. (Original) The system of claim 47, wherein the enterprise gatekeeper stores the information associated with the communication received from the call mediator.

49. (Original) The system of claim 48, wherein the information associated with the communication stored at the enterprise gatekeeper is not accessible to the customer.

50. (Currently amended) A computerized method for monitoring communications in a packet switched network, the method comprising:

initiating a communication between a network endpoint associated with a call mediator and at least a second network endpoint;

recording, at the call mediator, information associated with the communication, including an alphanumeric termination cause code indicating a reason the communication was disconnected;

upon termination of the communication, communicating, from the call mediator to an enterprise gatekeeper, the information associated with the communication; and

translating the alphanumeric termination cause code into a PSTN numeric termination cause code.

51. (Previously presented) A computerized method for monitoring communications in a packet switched network, the method comprising:

initiating a communication between a network endpoint associated with a call mediator and at least a second network endpoint;

recording, at the call mediator, information associated with the communication;

upon termination of the communication, communicating, from the call mediator to an enterprise gatekeeper, the information associated with the communication;

creating an authentication record containing information associated with the communication by parsing the information associated with the communication;

communicating the authentication record from the enterprise gatekeeper to a remote authentication server; and

creating a billing call record by parsing the authentication record.

52. (Previously presented) A system for monitoring communications in a packet switched network, the system comprising:

a first network endpoint associated with a call mediator;

at least a second network endpoint; and

an enterprise gatekeeper;

wherein the first network endpoint initiates a communication with the second network endpoint;

wherein the call mediator records information associated with the communication;

wherein upon termination of the communication, the call mediator communicates to the enterprise gatekeeper, the information associated with the communication;

wherein the enterprise gatekeeper is programmed to create an authentication record containing information associated with the communication by parsing the information associated with the communication;

wherein the enterprise gatekeeper is programmed to communicate the authentication record to a remote authentication server; and

wherein the remote authentication server is programmed to create a billing call record by parsing the authentication record.